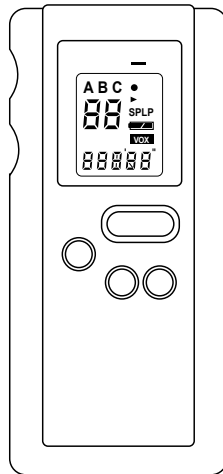


# **Memorex®**

## **DIGITAL MICROCASSETTE RECORDER MODEL: MB2054**

**BEFORE OPERATING THIS PRODUCT,  
PLEASE READ THESE INSTRUCTIONS COMPLETELY.**



## **OPERATING INSTRUCTIONS**

## SAFETY PRECAUTIONS



**CAUTION**  
**RISK OF ELECTRIC SHOCK**  
**DO NOT OPEN**



**CAUTION:** TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



### **DANGEROUS VOLTAGE**

The lightning flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



### **ATTENTION**

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**IMPORTANT:**  
**PLEASE KEEP ALL PACKAGING MATERIAL FOR AT LEAST 90 DAYS IN CASE YOU NEED TO RETURN THIS PRODUCT TO YOUR PLACE OF PURCHASE OR MEMOREX.**

**Before using, fill out and mail the registration card. This will make sure a permanent record is made with the date of purchase in case service is needed.**

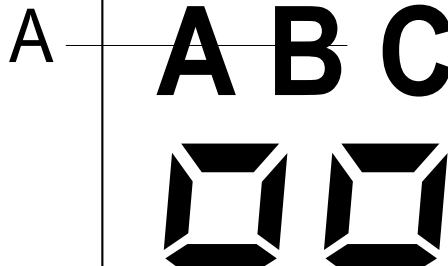
## SAFETY PRECAUTIONS

### INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

## LOCATION OF CONTROLS

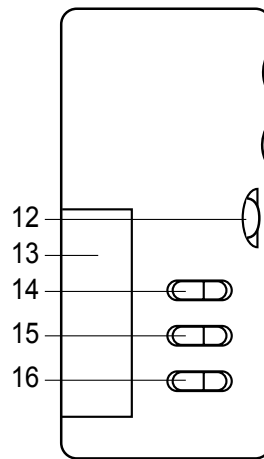
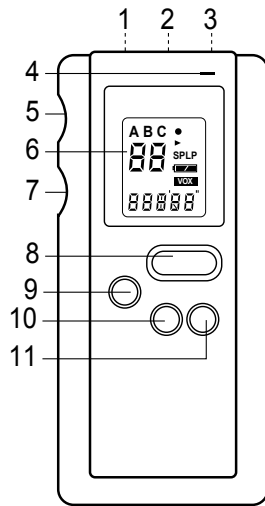


- |                        |                           |
|------------------------|---------------------------|
| A. Message File Folder | E. Play Indicator         |
| B. Message Number      | F. SP/LP Speed Indicators |
| C. Time Indicator      | G. Battery Indicator      |
| D. Record Indicator    | H. VOX Indicator          |

## LOCATION OF CONTROLS

FRONT

REAR

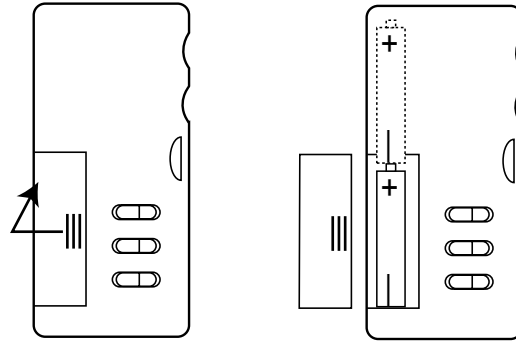


- |   |  |
|---|--|
| 1. MIC (Microphone) Jack<br>(Top of Unit) | 9. PLAY/STOP Button                            |
| 2. Built-in Microphone (Top<br>of unit)   | 10. PAUSE/MODE Button                          |
| 3. EAR (Earphone) Jack<br>(Top of Unit)   | 11. ERASE Button                               |
| 4. REC Indicator                          | 12. VOLUME Control                             |
| 5. REC/STOP Button                        | 13. Battery Compartment                        |
| 6. Display                                | 14. MIC SNS (Microphone<br>Sensitivity) Switch |
| 7. FILE Button                            | 15. VOX Switch                                 |
| 8. RVS/FWD Button                         | 16. HOLD Switch                                |



## POWER SOURCE

### BATTERY INSTALLATION

Open the battery compartment by sliding it out and then up (the battery compartment is designed to stay attached so it cannot be lost). Insert two (2) "AAA" size batteries (not included) following the polarity diagram. Put the battery compartment cover back into place.



### BATTERY INDICATORS:

-  : The batteries are fresh.
-  : The batteries are weak or dead, replace.

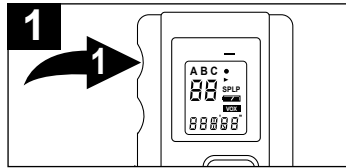
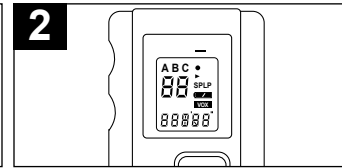
### BATTERY PRECAUTIONS

Follow these precautions when using batteries in this device:

1. Use only the size and type of batteries specified.
2. Be sure to follow the correct polarity when installing the batteries as indicated in the battery compartment. Reversed batteries may cause damage to the device.
3. Do not mix different types of batteries together (e.g. Alkaline and Carbon-zinc) or old batteries with fresh ones.
4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
5. Do not try to recharge batteries not intended to be recharged; they can overheat and rupture. (Follow battery manufacturer's directions.)

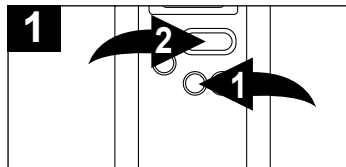
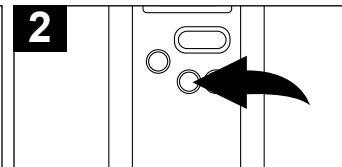
## OPERATION

### TO TURN THE UNIT ON AND OFF

	
<p>To turn the unit on, press the REC/STOP ❶, PLAY/STOP ❷ or the PAUSE/MODE ❸ button.</p>	<p>To turn the unit off, simply do not touch any button for 30 seconds, and the unit will automatically turn off.</p>

### RECORDING QUALITY

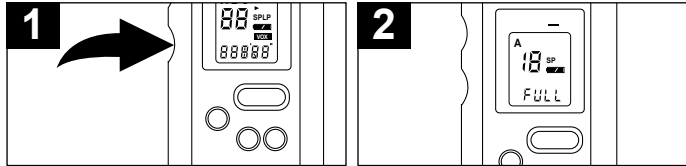
You can choose between 2 voice recording quality modes. For best sound quality, select SP (Standard Play). For longer recording time (reasonable sound quality), select LP (Long Play).

	
<p>While the unit is in the Stop mode, press and hold the PAUSE/MODE button ❶ for 2 seconds; SP or LP will blink. Press the RVS/FWD button ❷ to select either SP or LP as desired.</p>	<p>When the desired speed appears, press the PAUSE/MODE button again. Long Play will allow a total of 240 minutes of recording time. Standard Play will allow a total of 30 minutes of recording time.</p>

## OPERATION

### SELECTING A FILE FOLDER

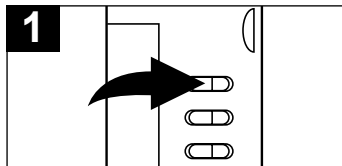
This unit has 3 memory storage areas (file folders) to choose from, labelled A, B and C. You can store a total of 127 messages or 240 minutes in LP mode (30 minutes in SP mode) in all the file folders. 99 messages are the limit for each file folder. To select a file folder:



While the unit is on, press the FILE button while in the Stop mode to select the desired file folder (A,B,C). The number under the file folder letter will indicate the total messages recorded. The number at the bottom of the display will indicate the total time recorded for the selected message.

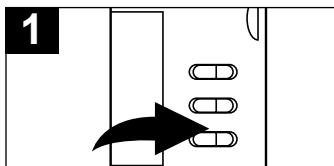
Each time you record a message, the unit will assign a number, counting up 1 from the last message number, which will be shown on the display. If the unit is full, FULL will appear in the display. Delete messages in this case.

### RECORDING SENSITIVITY



Slide the MIC SNS switch to the LOW position is recording sounds that are close. Select the HIGH position if recording sounds that are further away.

### HOLD SWITCH

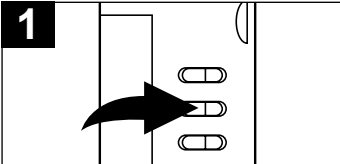
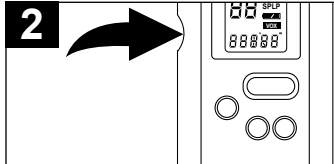
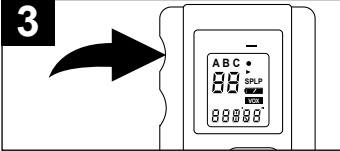
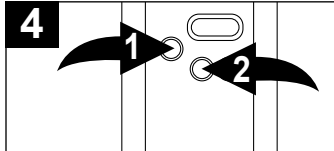


Slide the HOLD switch to the LOCK position to disable the buttons; HOLD will appear in the display. Slide the HOLD switch to the OFF position to enable the buttons again.

## OPERATION

### NORMAL RECORDING

This unit is capable of recording only when sound is heard. To use this feature, see the next page. For normal recording, follow steps below.

	
<p>Make sure VOX switch on rear of unit is set to OFF. Turn the unit on, and select the desired sound quality as described on page 5.</p>	<p>Select a File Folder by pressing the FILE button (see page 6).</p>
	
<p>Press the REC/STOP button and the REC indicator will light and the elapsed time will appear. Speak into the built-in microphone or insert a microphone into the MIC jack and speak into it in a normal tone of voice. Press the REC/STOP button again to stop recording.</p>	<p>While recording, press the PLAY/STOP button ① to see the remaining time available. To pause, press the PAUSE/MODE button ②; PAUSE will blink in the display. To release pause, press the PAUSE/MODE button again.</p>

#### NOTES:

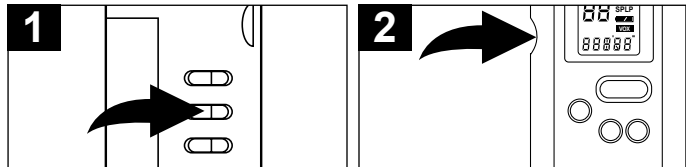
- The built-in audio level automatically sets the recording level.
- To record another message, simply repeat step 3, the message number will increase by one.
- For normal voice levels, a distance of 5-9 inches is appropriate.



## OPERATION

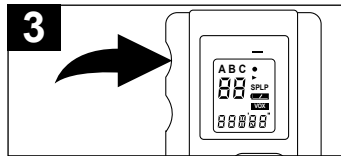
### VOICE ACTIVATED (VOX) RECORDING

Voice activated recording will allow dictation only when you speak. When the unit detects a pause of a few seconds, it will temporarily stop recording until it detects sound again.



Slide the VOX switch on rear of unit to the ON position. Turn the unit on, and select the desired sound quality as described on page 5.

Select a File Folder by pressing the FILE button (see page 6).



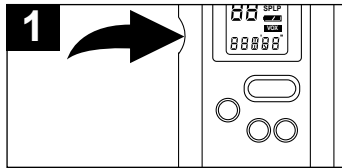
Press the REC/STOP button and the REC indicator will light and the elapsed time will appear. Speak into the built-in microphone or insert a microphone into the MIC jack and when the unit picks up sound, it will record. Press the REC/STOP button again to stop recording.

#### NOTES:

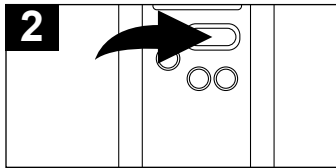
- The first few sounds activate the recorder and may not be recorded.
- A variation in voice level during recording will not stop the unit, 2 seconds of silence is required to stop the recording.
- For constant recording, see previous page.
- To pause, press the PAUSE/MODE button.
- The built-in audio level automatically sets the recording level.
- For normal voice levels, a distance of 5-9 inches is appropriate.

## OPERATION

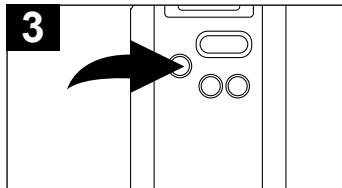
### TO PLAY BACK MESSAGES



1 Turn the unit on and select a File Folder by pressing the FILE button (see page 6).



2 Select the desired message number by pressing the RVS/FWD button; the message number and the message length will appear in the display.



3 Press the PLAY/STOP button; the unit will play the currently selected message, then stop. During playback, the Play indicator and the elapsed time of the message will appear in the display.

#### NOTES:

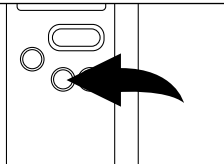
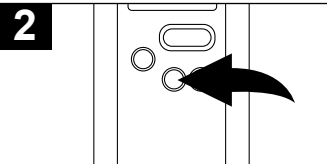
- To pause, press the PAUSE/MODE button; PAUSE will blink in the display. To release pause, press the PAUSE/MODE button again.
- For Cue and Review during playback, simply press and hold the desired RVS/FWD button. A chattering sound will be heard. Release the button when the desired point is reached.
- To skip or go back messages, simply press and release the desired RVS/FWD button until the desired message number is reached.

#### EARPHONE JACK

For private listening, connect an earphone (not included) to this jack. The speaker is automatically disconnected when the earphone plug is inserted in the jack.

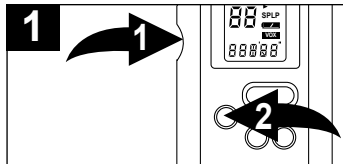
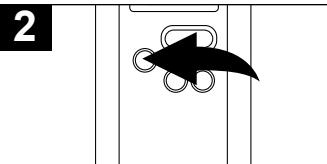
## OPERATION

### TO PAUSE A MESSAGE

<div style="background-color: black; color: white; padding: 2px; font-weight: bold; font-size: 1.2em;">1</div> 	<div style="background-color: black; color: white; padding: 2px; font-weight: bold; font-size: 1.2em;">2</div> 
<p>To pause Recording or Playback, press the PAUSE/MODE button; PAUSE will blink in the display.</p>	<p>Press the PAUSE/MODE button again to resume.</p>

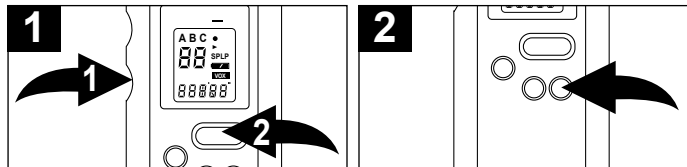
### SCAN PLAYBACK

This unit can play back the first 5 seconds of each recorded message, which is useful is located a particular recording.

<div style="background-color: black; color: white; padding: 2px; font-weight: bold; font-size: 1.2em;">1</div> 	<div style="background-color: black; color: white; padding: 2px; font-weight: bold; font-size: 1.2em;">2</div> 
<p>While in the Stop mode, select the file folder (A,B,C) using the FILE button ①. Press and hold the PLAY/STOP button ② for 2 seconds; SCAN will appear in the display. The unit will automatically scan and play the first 5 seconds of each message in the selected file folder, starting at message 1.</p>	<p>The unit will automatically stop after all messages have been played. To continue playing a message, press the PLAY/STOP button. To stop Scan Playback, press the PLAY/STOP button again.</p>

## OPERATION

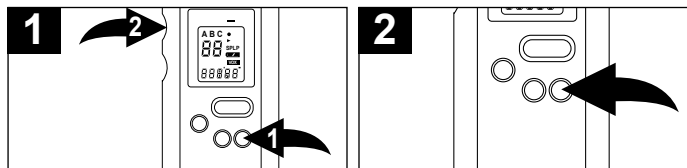
### ERASING A SINGLE MESSAGE



Turn the unit on, and select the desired file folder using the FILE button **1**, and the desired message to delete using the RVS/FWD button **2**; the message number and the message length will appear in the display.

Press the ERASE button; ERASE will appear in the display and the first 5 seconds of the message will play. To erase, press the ERASE button within the 5 seconds it is playing and the rest of the messages will be renumbered. If you do not want to erase, do not press the ERASE button while it is playing.

### ERASING ALL MESSAGES IN THE 3 FILE FOLDERS



While in the Stop mode, press and hold the ERASE button **1** AND the REC/STOP button **2** for 3 seconds. All and ERASE will blink in the display.

To erase all the messages, press the ERASE button again within 5 seconds. If the ERASE button is not pressed again within the 5 seconds, the messages will not erase.

#### IMPORTANT NOTES:

- Once message(s) are deleted, they cannot be recovered.
- When the memory is full, FULL will appear in the display.
- You must select a file folder that has at least 1 message recorded to erase all.

## CARE AND MAINTENANCE

### RESETTING THE UNIT

If the unit is exposed to a strong static electrical charge, the unit may lock up, or the display may dim. This is very rare, but if it does happen, remove the batteries and then reinstall. All settings will return to their preset values, but the previous messages are saved.

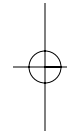
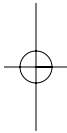
### TRAFFIC SAFETY

- Do not use while operating a motorized vehicle. It may create a traffic hazard and is illegal in many areas.
- Even if your earphone is an open air type designed to let you hear outside sounds, do not turn the volume up so high that you cannot hear what is around you.
- Use extreme caution or temporarily discontinue use in potentially hazardous situations.

### CARE

- Keep the unit dry. If it gets wet, wipe it immediately. Liquids may contain minerals that can corrode the circuits.
- Use and store the unit only in normal temperature environments. Extreme temperatures can shorten the life of electronic devices, damage batteries and/or melt plastic parts.
- Keep the unit away from dirt and dust.
- Handle the unit gently and carefully. Dropping it can cause damage and may cause the unit to work improperly.
- To clean, wipe the unit with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents or strong detergents.





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